

INTERNATIONAL SEARCH REPORT

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Internatic application No
PCT/GR 03/03613

PCT/GB 03/03613 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B32B1/08 B32B27/32 F16L9/12 C08L23/10 C08L23/00 C08K5/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B32B F16L C08L C08K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X EP 0 604 907 A (UPONOR NV) 1,5,9, 23,24,26 6 July 1994 (1994-07-06) cited in the application column 4, line 21 - line 39; claims 2,12,26,29-32 column 2, line 23 - line 30; figures Α GB 2 323 556 A (UPONOR LTD) 1-8. 30 September 1998 (1998-09-30) 19-21, cited in the application 23,24,26 page 5, line 26 -page 8, last line page 9, line 15 -page 12, line 3 page 12, line 18 -page 16, line 11; claims Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the International "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or *P* document published prior to the International filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 1 December 2003 05/12/2003 Name and malling address of the ISA Authorized officer European Palent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Kanetakis, I



Internati pplication No

PCT/GB 03/03613

		PCI/GB 03/03613
C.(Continue Calegory •	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relavant to claim No.
	and medical firmeto appropriate, or the relevant passages	i toldadiit to olduli 140.
X	GB 2 300 456 A (VICTAULIC PLC) 6 November 1996 (1996-11-06) cited in the application page 6, last paragraph -page 7, paragraph 3; claim 7 page 12, last paragraph	1,5,6
X	WO 93 00212 A (UPONOR NV) 7 January 1993 (1993-01-07) cited in the application page 4, line 15 - line 24; claims	1
A	GB 2 297 137 A (UPONOR LTD) 24 July 1996 (1996-07-24) cited in the application page 5, line 16 - line 24; claims	1,23,26
A	GB 2 297 138 A (UPONOR LTD) 24 July 1996 (1996-07-24) cited in the application page 6, line 1 - line 15; claims	1,23,26

•

Information on patent family members

Internatic pplication No PCT/GB 03/03613

				101745	03/03613
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0604907	Α	06-07-1994	FI	925897 A	29-06-1994
LI 0001307	••	00 07 1354	ΑŤ	166609 T	15-06-1998
			ΑÜ	670835 B2	01-08-1996
			AU	5269093 A	07-07-1994
			CA	2112440 A1	29-06-1994
			DE	69318813 D1	02-07-1998
			DE	69318813 T2	24-09-1998
			DK	604907 T3	22-03-1999
			EP	0604907 A1	06-07-1994
			ES	2117089 T3	01-08-1998
			JP	7001542 A	06-01-1995
			US	5759461 A	02-06-1998
				5/59401 A	02-00-1996
GB 2323556	A	30-09-1998	GB AT	2297137 A 244844 T	24-07-1996 15-07-2003
			AU	705621 B2	27-05-1999
			AU	4537896 A	07-08-1996
			CZ	9702268 A3	
			DE	69629013 D1	16-09-1998
					14-08-2003
			ĐE	804699 T1	25-10-2001
			DK	804699 T3	27-10 - 2003
			WO	9622485 A1	25-07-1996 35-06-2002
			EP EB	1321703 A2	25-06-2003
			EP ET	0804699 A1	05-11-1997
			FI	973028 A	08-09-1997
			GB	2297138 A ,B	24-07-1996
			HU	9702402 A2	30-03-1998
			JP	10512656 T	02-12-1998
			NO	973309 A	16-09-1997
			PL	321369 A1	08-12-1997
			RU	2165047 C2	10-04-2001
			TR	9700661 T1	21-01-1998
			US	6016849 A	25-01-2000
GB 2300456	Α	06-11-1996	NONE		
WO 9300212	Α	07-01-1993	FI	99158 B	30-06-1997
			AU	2019292 A	25-01-1993
			DE	4291982 TO	13-01-1994
			WO	9300212 A1	13-01-1994 07-01-1993
		· · · · · · · · · · · · · · · · · · ·			13-01-1994
GB 2297137	Α	24-07-1996	WO GB 	9300212 A1 2263524 A ,B 244844 T	13-01-1994 07-01-1993 28-07-1993
GB 2297137	A	24-07-1996	WO GB AT AU	9300212 A1 2263524 A ,B 244844 T 705621 B2	13-01-1994 07-01-1993 28-07-1993
GB 2297137	Α	24-07-1996	WO GB AT AU AU	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A	13-01-1994 07-01-1993 28-07-1993
GB 2297137	A	24-07-1996	WO GB AT AU AU CZ	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3	13-01-1994 07-01-1993 28-07-1993
GB 2297137	A	24-07-1996	WO GB AT AU AU CZ DE	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3 69629013 D1	13-01-1994 07-01-1993 28-07-1993
GB 2297137	Α	24-07-1996	WO GB AT AU AU CZ DE DE	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3 69629013 D1 804699 T1	13-01-1994 07-01-1993 28-07-1993
GB 2297137	A	24-07-1996	WO GB AT AU AU CZ DE DE DK	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3 69629013 D1 804699 T1 804699 T3	13-01-1994 07-01-1993 28-07-1993
GB 2297137	Α	24-07-1996	WO GB 	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3 69629013 D1 804699 T1 804699 T3 9622485 A1	13-01-1994 07-01-1993 28-07-1993
GB 2297137	A	24-07-1996	WO GB 	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3 69629013 D1 804699 T1 804699 T3 9622485 A1 1321703 A2	13-01-1994 07-01-1993 28-07-1993
GB 2297137	A	24-07-1996	WO GB AT AU CZ DE DE DK WO EP EP	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3 69629013 D1 804699 T1 804699 T3 9622485 A1 1321703 A2 0804699 A1	13-01-1994 07-01-1993 28-07-1993
GB 2297137	A	24-07-1996	WO GB AT AU CZ DE DE DK WO EP EP FI	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3 69629013 D1 804699 T1 804699 T3 9622485 A1 1321703 A2 0804699 A1 973028 A	13-01-1994 07-01-1993 28-07-1993
GB 2297137	A	24-07-1996	WO GB AT AU CZ DE DE DK WO EP FI GB	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3 69629013 D1 804699 T1 804699 T3 9622485 A1 1321703 A2 0804699 A1 973028 A 2297138 A ,B	13-01-1994 07-01-1993 28-07-1993 28-07-1993
GB 2297137	A	24-07-1996	WO GB AT AU CZ DE DE DK WO EP FI GB GB	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3 69629013 D1 804699 T1 804699 T3 9622485 A1 1321703 A2 0804699 A1 973028 A 2297138 A ,B 2323556 A ,B	13-01-1994 07-01-1993 28-07-1993 28-07-2003 27-05-1999 07-08-1996 16-09-1998 14-08-2003 25-10-2001 27-10-2003 25-07-1996 25-06-2003 05-11-1997 08-09-1997
GB 2297137	A	24-07-1996	WO GB AT AU CZ DE DK WO EP FI GB GB HU	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3 69629013 D1 804699 T1 804699 T3 9622485 A1 1321703 A2 0804699 A1 973028 A 2297138 A ,B 2323556 A ,B	13-01-1994 07-01-1993 28-07-1993 28-07-1993
GB 2297137	A	24-07-1996	WO GB AT AU CZ DE DE DK WO EP FI GB GB	9300212 A1 2263524 A ,B 244844 T 705621 B2 4537896 A 9702268 A3 69629013 D1 804699 T1 804699 T3 9622485 A1 1321703 A2 0804699 A1 973028 A 2297138 A ,B 2323556 A ,B	13-01-1994 07-01-1993 28-07-1993 28-07-1993



plication No

Information on patent family members

Internatic plication No PCT/GB 03/03613

Patent document cited in search report	P	ublication date	Patent family member(s)			Publication date
GB 2297137	A		PL RU TR US	321369 2165047 9700661 6016849	C2 T1	08-12-1997 10-04-2001 21-01-1998 25-01-2000
GB 2297138	A 2	4-07-1996	GB AU AU CZ DE DK WO EP FI GB HU JP NO PL RU TR US	705621 4537896 9702268 69629013	T B2 A A3 D1 T1 T3 A1 A2 A1 A A ,B A2 T A A1 C2 T1	24-07-1996 15-07-2003 27-05-1999 07-08-1996 16-09-1998 14-08-2003 25-10-2001 27-10-2003 25-07-1996 25-06-2003 05-11-1997 08-09-1997 30-09-1998 30-03-1998 02-12-1998 16-09-1997 08-12-1997 10-04-2001 21-01-1998 25-01-2000